

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Jan Verspecht
Serial No.: herewith
Filed: herewith
For: PROVIDING A CONTROLLABLE IMPEDANCE AT A
REFERENCE PLANE IN A CIRCUIT
Art Unit: Not yet assigned
Examiner: Not yet assigned
Attorney Docket No.: 31020787 US-02
Customer No.: 27623

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, being filed concurrently herewith. This Information Disclosure Statement is being filed:

XXX Within three (3) months of the filing date of the national application;

_____ Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

_____ Before the mailing date of a first Office Action on the merits;

_____ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

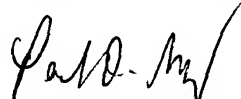
After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(i)(1); and

After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the issuance of a final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e), a petition requesting consideration of the I.D.S., and the petition fee set forth in 37 C.F.R. §1.17(l)(1).

Also enclosed are copies of U.S. Patent Nos. 3,789,301; 5,276,411; 6,335,665; 4,072,897; 5,034,708; 6,297,649 and 2002/0130667; Articles entitled, "Comparison of Active Versus Passive..." and "W-band On-Wafer Load-Pull Measurement System..." and European Search Report Application No. EP 02 25 7530.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



September 4, 2003

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	31020787 US-02	Not yet assigned
	Applicant	
	Verspecht	
	Filing Date	Group Art Unit
	herewith	Not yet assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,789,301	1/29/74	Malaviya	324	158	
	5,276,411	1/4/94	Woodin, Jr. et al.	333	22	
	6,335,665	1/1/02	Mendelsohn	333	139	
	4,072,897	2/7/78	Takayama	324	158	
	5,034,708	7/23/91	Adamian et al.	333	161	
	6,297,649	10/2/01	Tsironis	324	642	
	2002/0130667	9/19/02	Noe	324	534	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Six, G., European Search Report Application No. EP 02 25 7530 dated 14 April 2003.
	Muller et al. "COMPARISON OF ACTIVE VERSUS PASSIVE ON-WAFER LOAD-PULL CHARACTERIZATION OF MICROWAVE AND MM-WAVE POWER DEVICES," 1994, IEEE, pages 1077-1080.
	Alekseev, E. "W-BAND ON-WAFER LOAD-PULL MEASUREMENT SYSTEM AND ITS APPLICATION TO HEMT CHARACTERIZATION," 1998, MTT-S International Microwave Symposium Digest, vol. 3, pp. 1479-82.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.